

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/JP2004/010249

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02M7/48 H02P7/00 B60L9/18 H02P7/63

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M H02P B60L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 060 859 A (JONOKUCHI HIDEKI) 9 May 2000 (2000-05-09) column 2, line 13 - line 27 claim 11 figure 1	1-5
A	----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) & JP 2000 333465 A (MATSUSHITA ELECTRIC IND CO LTD), 30 November 2000 (2000-11-30) cited in the application abstract -----	1-5

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

19/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Roeder, A

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6060859	A	09-05-2000	JP	11113283 A	23-04-1999
JP 2000333465	A	30-11-2000	NONE		